

Office Bathrooms Paynter Dixon Constructions

The recent refurbishment of Paynter Dixon's office bathrooms has delivered substantial water and energy savings and an improvement in hygiene standards.

Sustainable commitment

Despite being a commercial tenant and not the building owner, Paynter Dixon has shown considerable commitment to the issue of sustainability by undertaking a complete refurbishment of two sets of bathrooms. The principle driver for this change was a need to show its staff a working example of good sustainable design.

Refurbishment

The extent of works included the installation of:

- 3ltr/4.5ltr dual flush toilets
- waterless urinals
- infra-red sensor tapware
- sensor-activated LED lighting
- sensor-activated sliding entry doors
- wash plane vanity design
- new floor and wall tiling
- new toilet partitions

Touchless design

Minimising the number of surfaces that staff need to touch through the use of sensor-activated taps and doors also delivers obvious health benefits for all.



Photo: Sensor activated tap ware

Water savings

When compared to the previous inefficient bathroom fixtures, such as 12 litre capacity single-flush toilets and conventional urinals, the annual water savings from the refurbished bathrooms are estimated to be approximately 60%, or 416 kL, almost half an Olympic pool of water, per year.



Photo: Waterless urinals

Energy savings

By incorporating LED & T5 lighting in the bathrooms, energy consumption has been reduced by over 70%, compared to previous fluorescent tube lighting. The deletion of electric hand dryers has also offset the small amount of power required by the sensor activated sliding doors and taps.

Capital cost and payback period

An additional 5% capital cost outlay was required to undertake the sustainable initiatives described above. This will be recouped after 5 years through water and energy savings at today's prices.

FOR FURTHER ASSISTANCE

Matthew Greene Business Development Manager
Clare Donovan Sustainability Coordinator
Phone: (02) 9797 5500

matthew.greene@sustainableclubs.com.au
clare.donovan@sustainableclubs.com.au
www.sustainableclubs.com.au

Printed on 100% recycled paper

Copyright 2008

Revision 2 Last revised 25/07/08